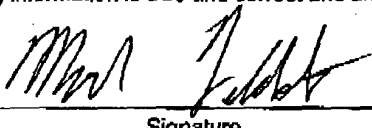


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| FORM PTO-1595 1-31-92 | | RECORDATION FORM COVER SHEET PATENTS ONLY | | U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 04641.0082 Attorney Customer Number: 22,852 | |
| To the Director of the U.S. Patent and Trademark Office; Please record the attached original documents or copy thereof. | | | | Mail Stop Assignment Recordation Services | |
| 1. Name of conveying party(ies): Samsung Fine Chemicals Co., Ltd. | | | 2. Name and address of receiving party(ies): Name: Pohang University of Science and Technology | | |
| Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | Internal Address: | | |
| 3. Nature of conveyance: | | | Street Address: San 31, Hyoja-dong, Nam-ku Pohang-si 790-784 | | |
| <input checked="" type="checkbox"/> Assignment | | <input type="checkbox"/> Merger | | City: Kyongsangbuk-do, Republic of Korea | |
| <input type="checkbox"/> Security Agreement | | <input type="checkbox"/> Change of Name | | State: Zip Code: | |
| <input type="checkbox"/> Other: | | Additional name(s) & Address(es) attached? | | | |
| Execution Date: April 23, 2004 | | | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: | | | | | |
| A. Patent Application Number(s): 09/786,276 | | | B. Patent Number(s): | | |
| Additional numbers attached? | | | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: | | | 6. Total number of applications and registrations involved: 1 | | |
| Name: | | | 7. Total fee (37 CFR 3.41): \$40 | | |
| Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. | | | <input checked="" type="checkbox"/> Enclosed (Please charge deficiency to deposit account) | | |
| Street Address: 1300 I Street, N.W. | | | <input type="checkbox"/> Authorized to be charged to deposit account | | |
| City: Washington, D.C. | | | 8. Deposit Account No.: 06-0918 | | |
| State: Zip: 20005-3315 | | | | | |
| 9. Statement and signature. | | | | | |
| To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. | | | | | |
| Mark J. Feldstein Reg. No. 46,693 | |  Signature | | May 7, 2004 Date | |
| Total number of pages including cover sheet, attachments and documents: 2 | | | | | |

(U.S. Rights Only)
Attorney Docket No. 04641.0062

ASSIGNMENT

WHEREAS Samsung Fine Chemicals Co., Ltd., hereinafter referred to as ASSIGNOR, a corporation of the Republic of Korea, whose post office address is 190, Yeocheon-dong, Nam-ku, 680-090 Ulsan, Republic of Korea, is an assignee of an undivided part interest in U.S. Patent Application No. 09/786,276, hereinafter the APPLICATION, filed March 2, 2001, by virtue of an assignment from the inventors of the APPLICATION recorded in the United States Patent and Trademark Office on March 2, 2001, at Reel 012069, Frame 0405;

WHEREAS, Pohang University of Science and Technology, hereinafter referred to as ASSIGNEE, a University of the Republic of Korea, whose post office address is San 31, Hyoja-dong, Nam-ku, Pohang-si 790-784, Kyongsangbuk-do, Republic of Korea, also an assignee of an undivided part interest in the APPLICATION by virtue of the assignment from the inventors of the APPLICATION recorded in the United States Patent and Trademark Office on March 2, 2001, at Reel 012069, Frame 0405, is desirous of securing the entire right, title, and interest in and to the APPLICATION;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from the ASSIGNEE is hereby acknowledged, the ASSIGNOR, has sold, assigned, transferred, and set over, and does hereby sell, assign, transfer, and set over unto the ASSIGNEE, its lawful successors and assigns, ASSIGNOR's entire right, title, and interest in and to the above referenced applications for United States Letters Patent and the APPLICATION, including all inventions disclosed therein, and to all divisions, and continuations thereof, and to all reissues thereof;

AND, the ASSIGNOR HEREBY further covenants and agrees that it will, without further consideration, communicate with the ASSIGNEE, its successors and assigns, any facts known to ASSIGNOR respecting the APPLICATION and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to the APPLICATION in said ASSIGNEE, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and assigns, to obtain and enforce proper patent protection for the APPLICATION in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the ASSIGNEE, its successors and assigns.

IN TESTIMONY WHEREOF, the ASSIGNOR has caused this Assignment to be executed by its duly authorized representatives.

SAMSUNG FINE CHEMICALS CO., LTD.

By: G. W. Park

Name: Soo Woong PARK

Title: President

Witness: Chun-ha Chon

Date: 23 April 2004